

70-025-29,340

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-1-65

5A. Indicate Type of Lease	
STATE <input checked="" type="checkbox"/>	FEE <input type="checkbox"/>

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
b. Type of Well DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		8. Farm or Lease Name ARCO-STATE "28" <i>Lea</i>	
2. Name of Operator Tamarack Petroleum Co., Inc.		9. Well No. 1	
3. Address of Operator P. O. Box 2046, Midland, TX 79702		10. Field and Pool, or Wildcat South Vacuum	
4. Location of Well UNIT LETTER <u>A</u> LOCATED <u>660</u> FEET FROM THE <u>North</u> LINE AND <u>660</u> FEET FROM THE <u>East</u> LINE OF SEC. <u>28</u> TWP. <u>18S</u> RGE. <u>35E</u> NMPM		12. County Lea	
19. Proposed Depth 10,300		19A. Formation Wolfcamp	20. Rotary or C.T. Rotary
21. Elevations (Show whether DF, RT, etc.) 3910.7 GR	21A. Kind & Status Plug. Bond Blanket	21B. Drilling Contractor TMBR Drilling Co.	22. Approx. Date Work will start July 22, 1985

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17 1/2"	13 3/8	54.5	450	200	surface
11"	8 5/8	24 & 32	4000	2000	surface
7 7/8"	5 1/2	15.5 & 17	10,300	1000	4000

1. Drill 17 1/2" hole to below the base of fresh water.
2. Run 13 3/8" casing and circulate cement to surface.
3. Test casing and Shaffer E 11", 3000 PSI double hydraulic preventor to 2000#.
4. Drill 11" hole to top of Queen at + 4000'.
5. Run 8 5/8" casing and attempt to circulate cement to surface.
6. Retest BOPE and casing to 2000#.
7. Drill 7 7/8" hole to top of Wolfcamp at + 10,300'.
8. Run DST and/or logs.
9. Run 5 1/2" casing to 10,300 and cement.
10. Test casing to 2000#.
11. Perforate and complete as indicated by logs.

Work to begin 5 Months From Approval
Date of start Drilling Underway.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Randy A. McClay Title Engineering Manager Date 7/15/85

(This space for State Use)

APPROVED BY 8/25/85 TITLE SECRETARY DATE JUL 17 1985

CONDITIONS OF APPROVAL, IF ANY: